

LAYOUT 7/21/03 11 AM INSP 4 \_\_\_\_\_  
 INSP 2 7/28/03 4pm INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 7/08/2003  
 APPROVAL DATE: 7/28/03

**PERMIT  
INDEXED**

P 519041-A  
 A 511517-L  
514998

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH**

03-339475

Van Sant Plumbing & Heating \_\_\_\_\_ IS PERMITTED TO INSTALL  ALTER

ADDRESS: 3 N. Main St., Mt. Airy 21771 PHONE NUMBER: 301-829-0444

SUBDIVISION: Fox Creek LOT NUMBER: 21

ADDRESS: 12344 Fox Meadow Lane PROPERTY OWNER: NVR, Inc

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 240

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box around 25 feet downhill of the high corner easement stake that is 10 feet from the lot line. Run trenches on contour towards the house.
NOTES:	Trenches should be 10 feet center-to-center. Maintain 100 feet of separation between the septic tank and any wells.

PLANS APPROVED: Brian Baker DATE: 12/31/2002

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

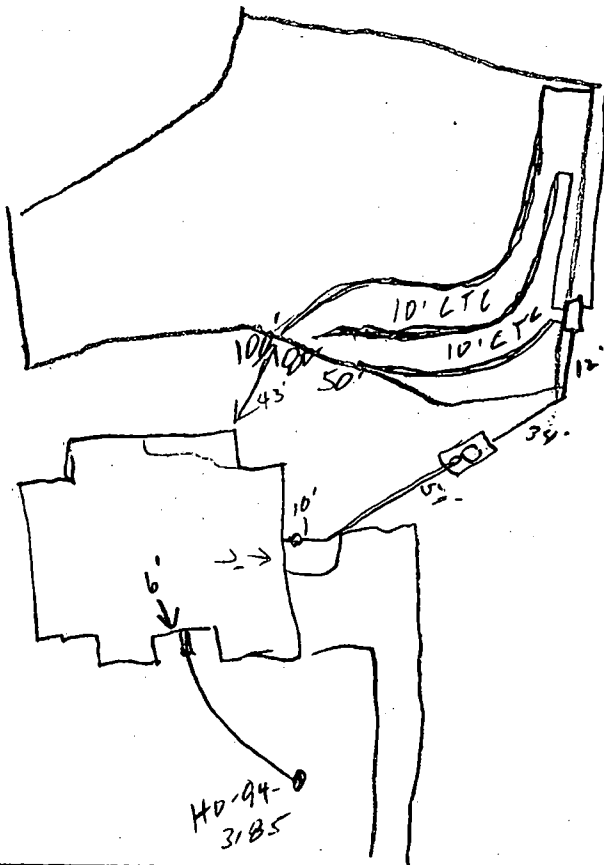
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS  
 RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
 BUILDING PERMITS SIGNED 313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

**AND RETURNED**  
511-05 BOD 153829-IG POOL

A511517-L

NOT TO SCALE

INDEX



Fox Meadow Lane ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		230'
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	top
TANK LID DEPTH	2.5-3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input type="checkbox"/>
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION 7/21/03 - SRA staked, contours appear accurate.  
 Install per B.P. House changed (SB)  
 INSTALLATION 7/28/03 OK to cover all work (SB)

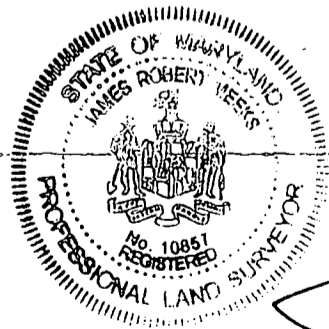
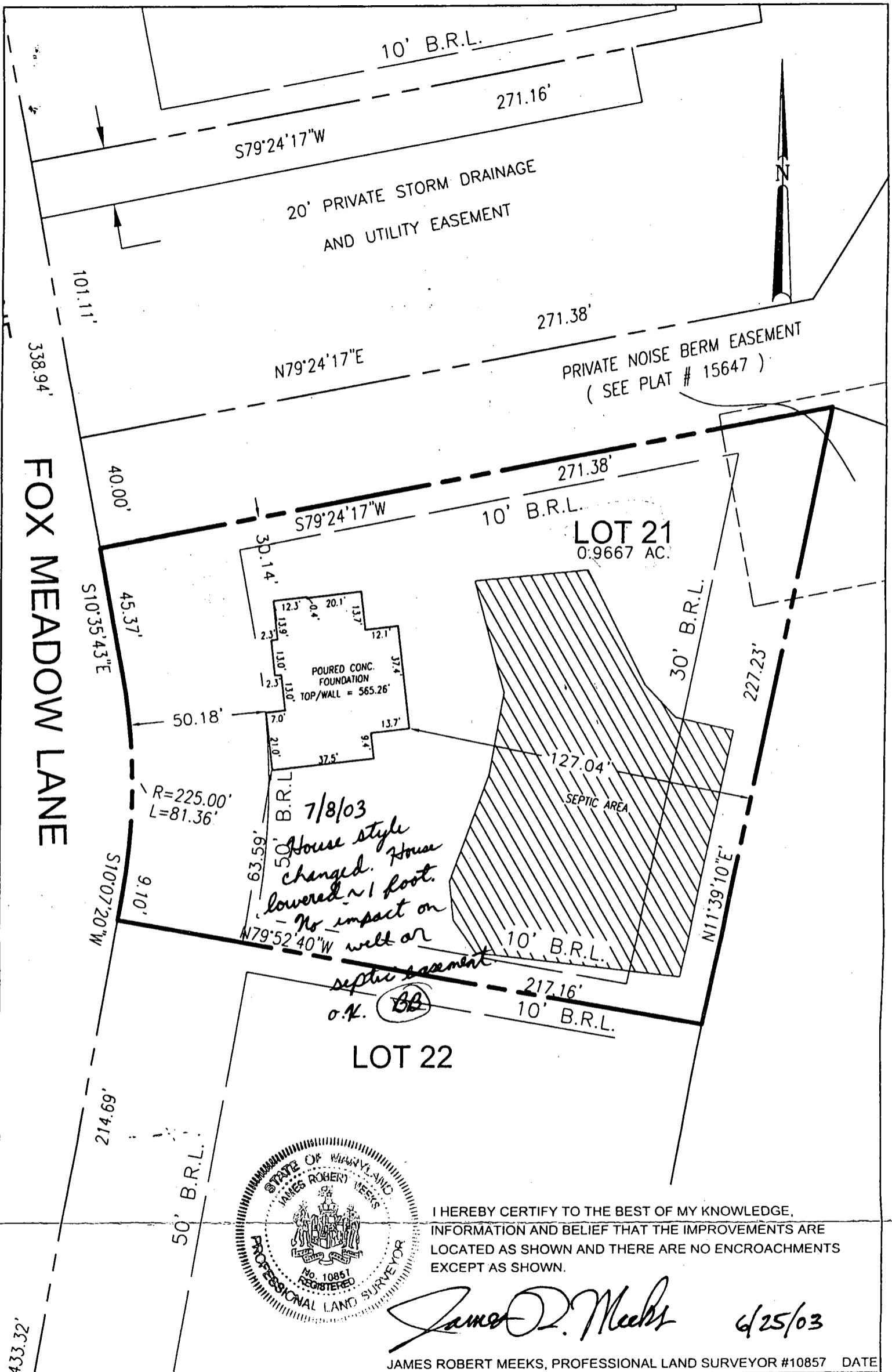
FINAL INSPECTOR

*Justin Ostr*

DATE OF APPROVAL

7/28/03

BUILDING PERMITS DIVISION AND RETURNED



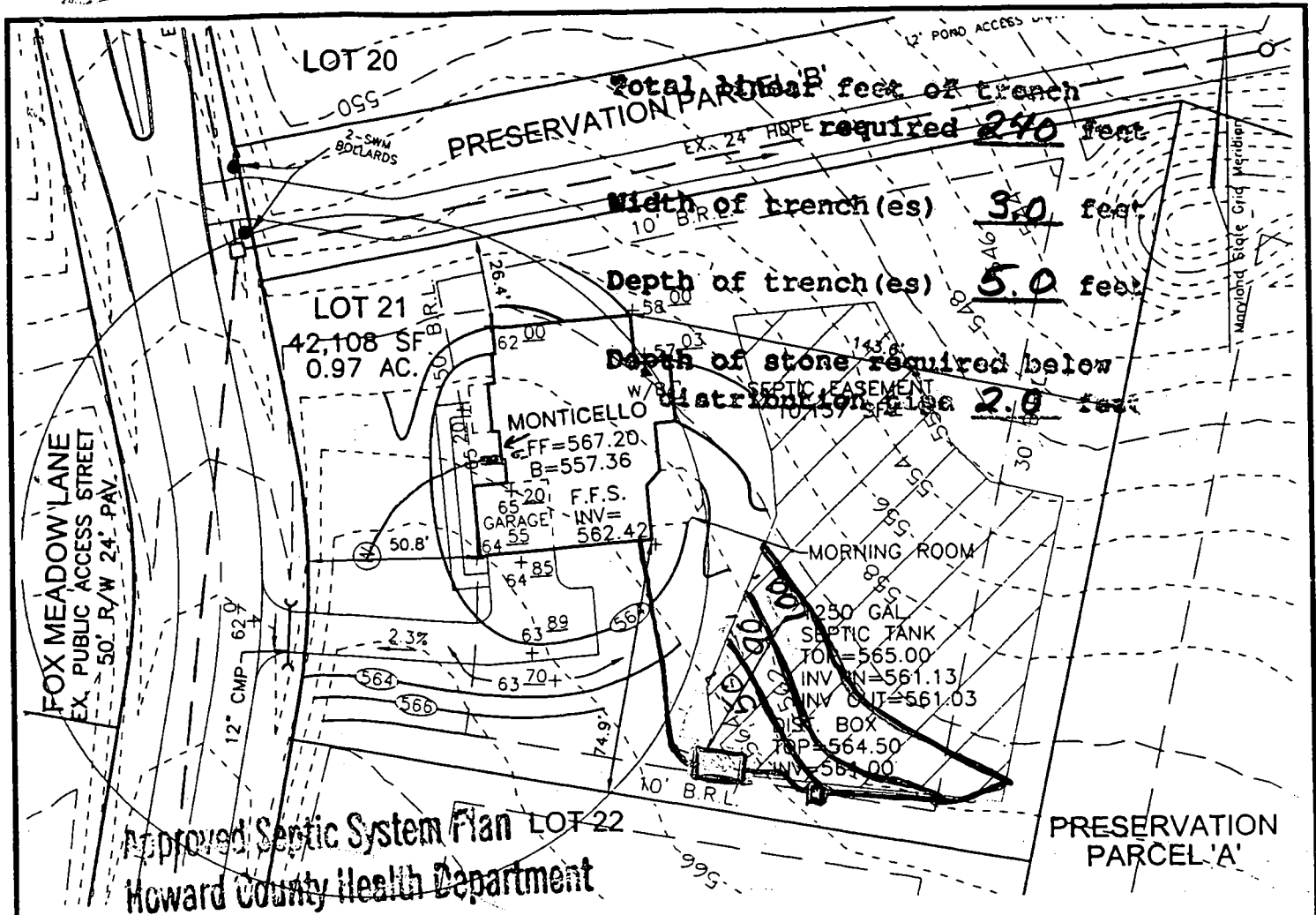
I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

*James R. Meeks* 6/25/03  
 JAMES ROBERT MEEKS, PROFESSIONAL LAND SURVEYOR #10857 DATE

SCALE 1" = 40'	DATE 06/24/03
DRAWN BY S.HECK	CHECKED BY JRM
PLAT NUMBER 15647	FWA JOB NUMBER 2024059

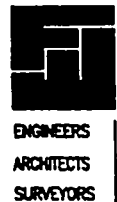
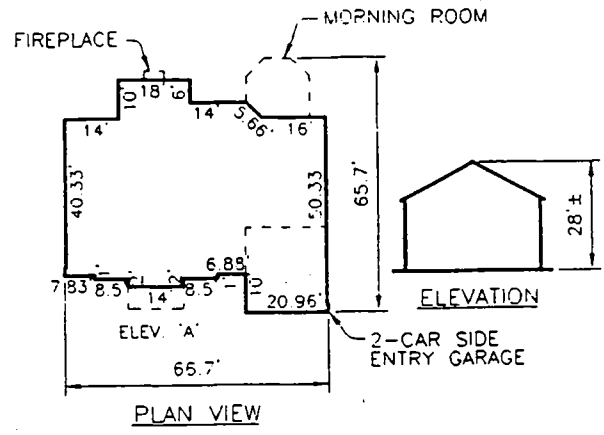
**FWA**  
**FREDERICK WARD ASSOCIATES**  
[www.frederickward.com](http://www.frederickward.com)  
 REGIONAL OFFICES  
 Columbia, Maryland and Warrenton, Virginia  
 ARCHITECTS | ENGINEERS | PLANNERS | SURVEYORS

**WALL CHECK**  
 LOT 21  
 FOX CREEK SUBDIVISION  
 HOWARD COUNTY, MARYLAND 3RD ELECTION DISTRICT



Approved Septic System Plan  
 Howard County Health Department

*Bruce Baker* 12/31/02  
 Signature Date



**FREDERICK WARD ASSOCIATES, INC.**  
 7125 Riverwood Drive Columbia, Maryland 21046-2354  
 Phone: 410-290-9550 Fax: 410-720-6226  
 Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

**MONTICELLO**  
 ELEV. 'A'  
 1"=50'

SCALE 1"=50'  
 DRAWN BY CMH  
 CHECKED BY JCO  
 DATE DEC. 2002  
 W. O. # 2019035.00  
 SHEET # 1 OF 1

**NVHomes**  
**FOX CREEK SUBDIVISION**  
**LOT 21**

TAX MAP 15 BLOCKS 12 & 18  
 TAX MAP BLOCKS 7 & 13  
 3RD ELECTION DISTRICT

PARCEL '183'  
 HOWARD COUNTY, MARYLAND

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
WATER AND SEWERAGE PROGRAM  
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy Approval.

Company Name: Van Sant Plbg. & Htg., Inc. Telephone #: 301-829-0444  
Address: 3 North Main St  
Mt. Airy, MD 21771

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:  
Name (Print): Loopy A. Van Sant License # 16926

\*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: NV Hanna Telephone #: 410-379-5956  
Subdivision: Top Creek Lot #: 21 Well Tag #: HO-44-3185  
Site Address: 12344 Top Meridian Lane  
Ellicott City MD 21043

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit  
Make: Grundfos Make: Unimodel Two piece watertight cap:   
Model #: 70307432 Model #: 310X Screened, vented well cap:   
Pump Capacity: \_\_\_\_\_ GPM Depth: 42 (36" min) Cap secured to casing:   
Well Yield: \_\_\_\_\_ GPM NSF approved: \_\_\_\_\_ Conduit min 18" B.G.:   
Depth of well encountered at time of pump installation: 300 (feet) Conduit secured to well cap:

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors or Cable guards are required - Must circle one  
Safety rope, if used, attached to inside of well casing with eye bolt NO

Piping to house House Connection  
Type: Polyethylene PVC sleeved to undisturbed soil at wall penetration: 15  
PSI: 200 (160 psi min) Approximate length of sleeve: 15  
Depth of supply line: 12 (36" min) Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 8.14.03

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 7/7/03 Date Insp. Approved: 7/7/03 (50) SRK  
Inspection Data: Pitless adapter and water supply line at least 36" below grade   
Two piece cap installed and attached to casing securely   
Elec. conduit extends at least 18" below grade/attached to cap properly   
Safety rope installed inside of well casing   
Correct well tag attached properly and casing 8" above finished grade   
Water supply line sleeved adequately at house connection   
Adequate grout observed below pitless adapter

C1 0646

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER 13

(THIS NUMBER IS TO BE PUNCHED IN CDS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3185

OWNER 1120 STREET OR RFD Fox Meadow Lane TOWN West Friendship MD SUBDIVISION Fox Creek SECTION LOT 21

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for BROWN SHALE and BLUE SLATE.

GROUTING RECORD section including: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS (11), NO. OF POUNDS (1034), CASING RECORD (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (40).

PUMPING TEST section including: HOURS PUMPED (6), PUMPING RATE (1.8), METHOD USED TO MEASURE PUMPING RATE (TIMED bucket), WATER LEVEL (38 ft before, 146 ft when pumping), TYPE OF PUMP USED (jet).

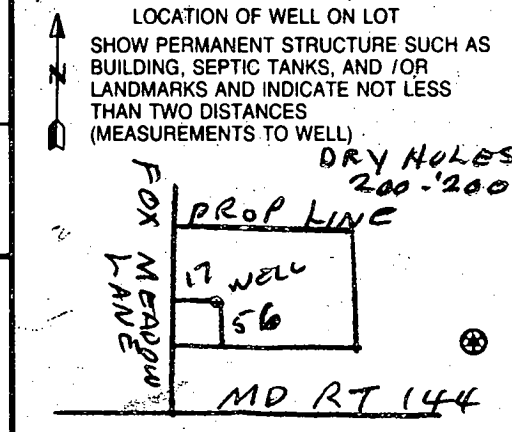
WELL HYDROFRACTURED (Y), CIRCLE APPROPRIATE LETTER (A, E, P), I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04.

SCREEN RECORD section including: screen type or open hole (ST, BR, HO), DEPTH (nearest ft.) table with values 40, 39, 300, DIAMETER OF SCREEN (56, 60).

PUMP INSTALLED section including: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (29), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (49 above, 1 below).

DRILLERS LIC. NO. 1 MND 139, Robert Cline, DRILLERS SIGNATURE, LIC. NO. 1 MND 536, Robert Cline, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) section including: GRAVEL PACK, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3185  
 Location of property (road) FOX MEADOW LANE  
 Subdivision FOX CREEK Lot 21 Block 146 Plat        Sec.         
 Well Driller CEB Owner 146

Depth of well 300  
 Distance of measuring point (M.P.) above ground 1  
 Static water level (S.W.L.) below M.P. 38

I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 12  
 Total time 30 MIN to reach pumping water level 146 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	38	25 SECONDS		12
9:00	98	25 "		12
9:14	145	25 "		12
9:15	146	2 MIN 40 SEC		1.875
9:30	146	2 MIN 40 SEC		1.875
9:45	146	2 MIN 40 SEC		1.875
10:00	146	2 MIN 40 SEC		1.875
10:15	146	2 MIN 40 SEC		1.875
10:30	146	2 MIN 40 SEC		1.875
10:45	146	2 MIN 40 SEC		1.875
11:00	146	2 MIN 40 SEC		1.875
11:15	146	2 MIN 40 SEC		1.875
11:30	146	2 MIN 40 SEC		1.875
11:45	146	2 MIN 40 SEC		1.875
12:00	146	2 MIN 40 SEC		1.875
12:15	146	2 MIN 40 SEC		1.875
12:30	146	2 MIN 40 SEC		1.875
12:45	146	2 MIN 40 SEC		1.875
1:00	146	2 MIN 40 SEC		1.875
1:15	146	2 MIN 40 SEC		1.875
1:30	146	2 MIN 40 SEC		1.875
1:45	146	2 MIN 40 SEC		1.875
2:00	146	2 MIN 40 SEC		1.875
2:15	146	2 MIN 40 SEC		1.875





B 1 0650

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-3185

W 514998 please print or type

fill in this form completely

Date Received (APA) 03/21/01

OWNER INFORMATION

IKO-Tennant Dev. 3403 Olandwood Ct. Suite 101 Olney MD 20832

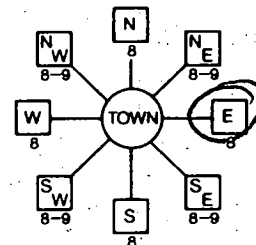
LOCATION OF WELL

Howard 8 COUNTY 21 Fox Creek 23 SUBDIVISION SECTION 44 46 LOT 21 48 50 West Friendship 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 M 73 76 77 78

DRILLER INFORMATION

Robert L. Cline MW D 139 Driller's Name 76 License No. 81 Cline & Duvall, Inc. 8093 Hillmark Ct., Frederick, MD 21704 Robert L. Cline 3/15/01

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Fox Meadow 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH WEST EAST SOUTH 34 25 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: 15 BLK: PARCEL 183

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 300 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 08/10/01 CO SIGNATURE EXP. DATE NORTH GRID 535 000 EAST GRID 0017 000

APPROXIMATE DEPTH OF WELL 250 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

METHOD OF DRILLING (circle one)

- BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PErussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary Drive-POINT other

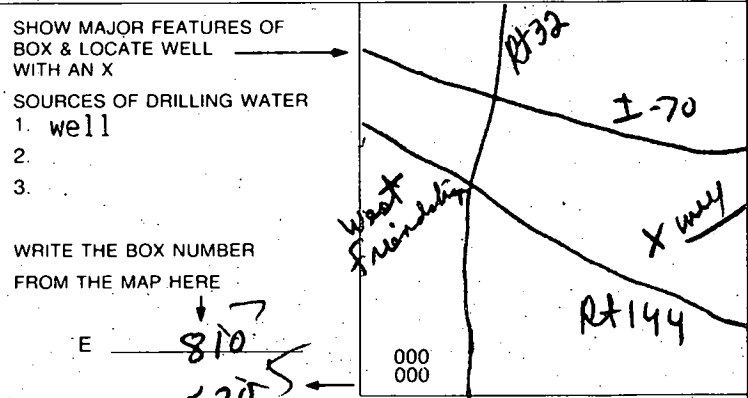
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER H 0 2 0 0 1 6 0 0 PERMIT No. HO-94-3185

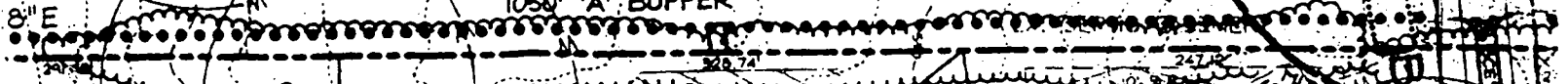


DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

PERIMETER '9'  
1050' 'A' BUFFER



LOT 11  
40,940 s.f.  
0.94 ac.

9/6/01 Proposed Well Site Faced to Chris Ogle (BB)

9/17/01 Well Drilled in Originally Proposed Area per Chris Ogle at Fredrick Ward (BB)

BARNARD

NON BUILDABLE PRESERVATION PARCEL D

4,551 s.f. 38,088 s.f. 0.95 ac. 0.87 ac. TO BE PRIVATELY OWNED EASEMENT HOLDERS TO BE THE M.O.A. AND HOWARD COUNTY

TOX

LOT 9  
40,568 s.f.  
0.93 ac.

LOT 12  
43,880 s.f.  
1.01 ac.

LOT 4  
41,682 s.f.  
0.96 ac.

LOT 13  
44,780 s.f.  
1.03 ac.

MOLTOH CT

LANE

LOT 8  
3,247 s.f.  
0.07 ac.

PERIMETER '6'  
200' 'B' BUFFER

PERIMETER '3'  
210' 'B' BUFFER

PERIMETER '5'  
200' 'B' BUFFER

PERIMETER '3'  
210' 'B' BUFFER

LOT 32  
42,865 s.f.  
0.97 ac.

LOT 22  
41,774 s.f.  
0.96 ac.

9/19/01 Well Site Staked By Suneyor

New Site Proposed By DKC

CT

HUNT

LOT 23  
41,147 s.f.  
1.15 ac.

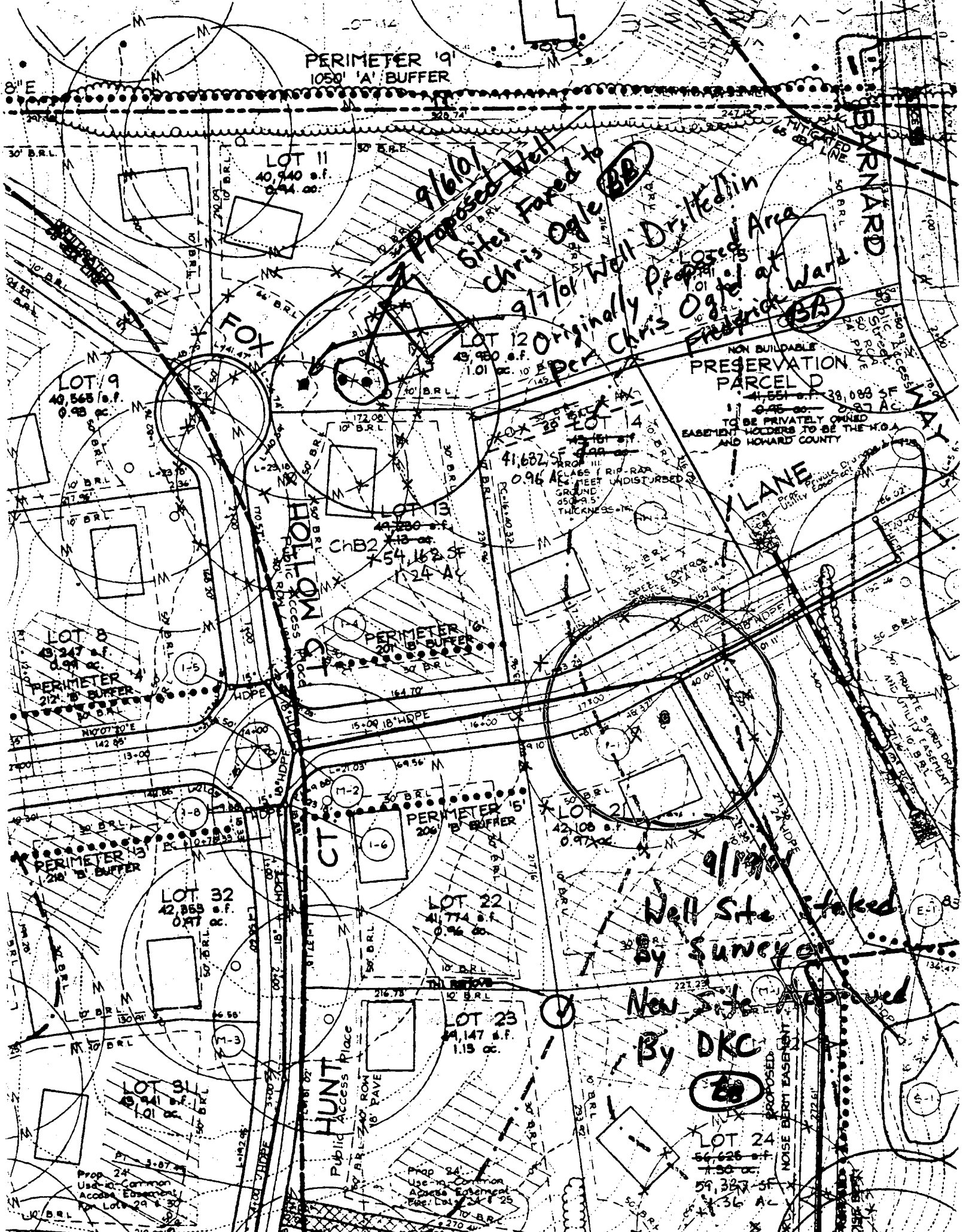
(BB)

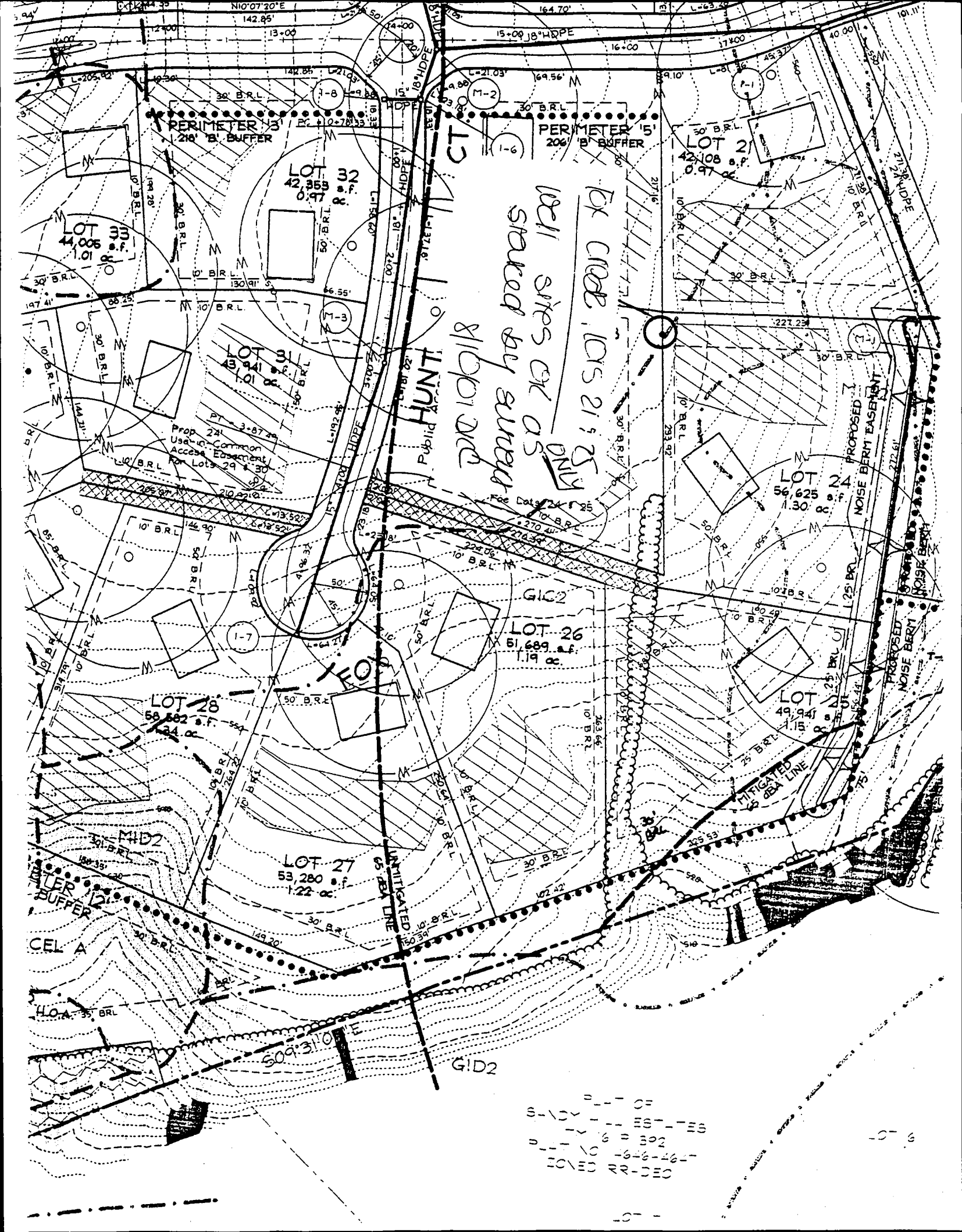
LOT 24  
56,628 s.f.  
1.30 ac.

PROPOSED NOISE BERT EASEMENT

Prop 24 Use in Common Access Easement For Lots 29 & 30

Prop 24 Use in Common Access Easement For Lots 24 & 25





PERIMETER 3  
200' B' BUFFER

PERIMETER 5  
200' B' BUFFER

EX CRAB LOTS 21 & 25  
well sites OK as  
stored by survey  
8/16/01 and  
ONLY

PROPOSED  
NOISE BERM EASEMENT

PROPOSED  
NOISE BERM

PROPOSED  
NOISE BERM

LOT 21	42,108 s.f.	0.97 ac.
LOT 22	42,108 s.f.	0.97 ac.
LOT 23	42,108 s.f.	0.97 ac.
LOT 24	56,625 s.f.	1.30 ac.
LOT 25	49,941 s.f.	1.15 ac.
LOT 26	51,689 s.f.	1.19 ac.
LOT 27	53,280 s.f.	1.22 ac.
LOT 28	58,582 s.f.	1.34 ac.
LOT 29	48,941 s.f.	1.12 ac.
LOT 30	48,941 s.f.	1.12 ac.
LOT 31	48,941 s.f.	1.12 ac.
LOT 32	42,358 s.f.	0.97 ac.

SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION: Fox Creek

511517-L  
A 514998

STREET NAME: 12344 FoxMeadowLane

LOT NUMBER: 23 21

AVERAGE PERCOLATION RATE: 2 SQUARE FEET PER BEDROOM: 180

NUMBER OF BEDROOMS: 4 LINEAR FEET OF TRENCH PER BEDROOM: 60

TOTAL LINEAR FEET OF TRENCH: 240 SEPTIC TANK CAPACITY: 6250

TOP SEAMED TANK REQUIRED?  YES  NO

COMPARTMENTED TANK REQUIRED? YES  NO

TRENCH DIMENSIONS: Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade.

Effective area begins at 3.0 feet below original grade. 2 feet of stone below distribution pipe.

=====

PUMPED SYSTEM PROPOSED: YES  NO

PUMPED SEPTIC SYSTEM DETAIL: \_\_\_\_\_ gallon pump chamber.

YES NO Top seamed pump chamber required?

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

=====

LOCATION: Place the distribution box around 25' downhill of the high corner easement stake that is 10' from the lot line. Run trenches on contour towards the house.

ADDITIONAL NOTES: Trenches should be 10' center to center. Maintain 100' of separation between the septic tank and any wells.

Reviewer: B. Baker

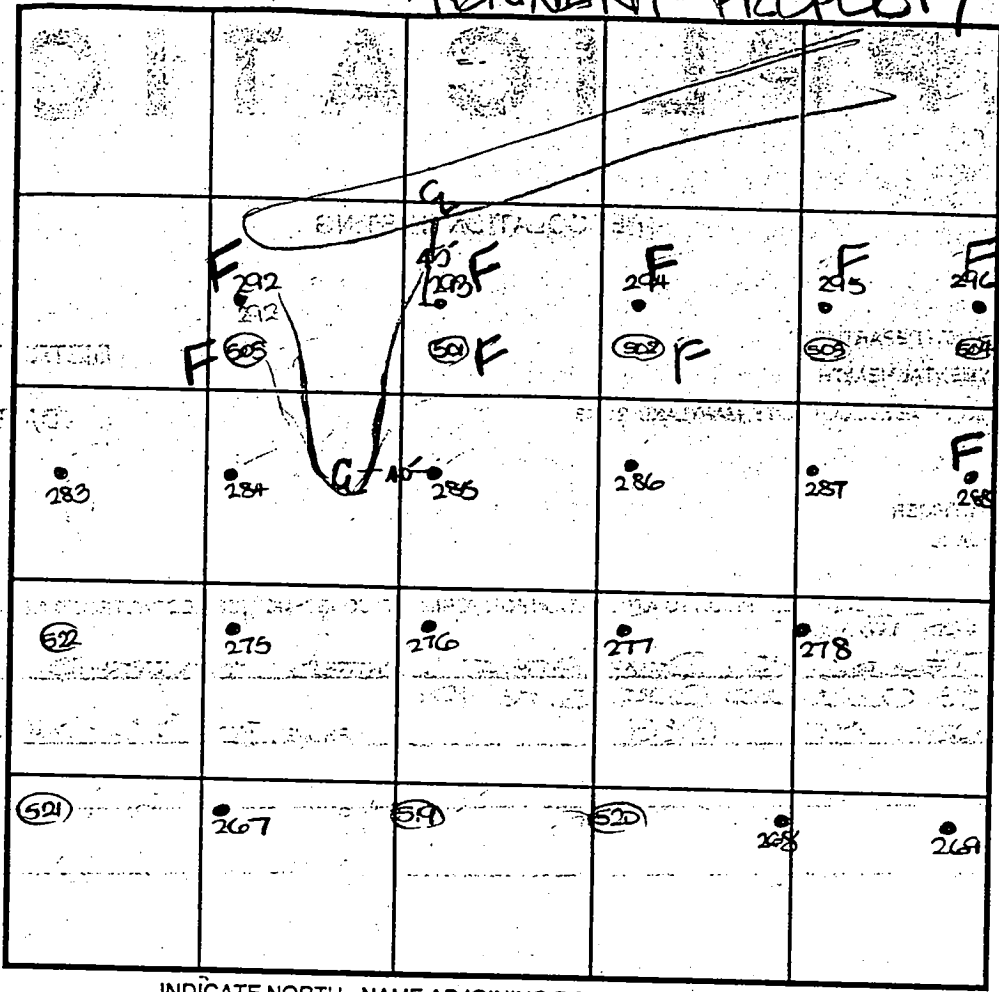
Date: 12/31/02

# TENNIANT PROPERTY

COUNTY #

SOIL PROFILE

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Frederick Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
see attached							

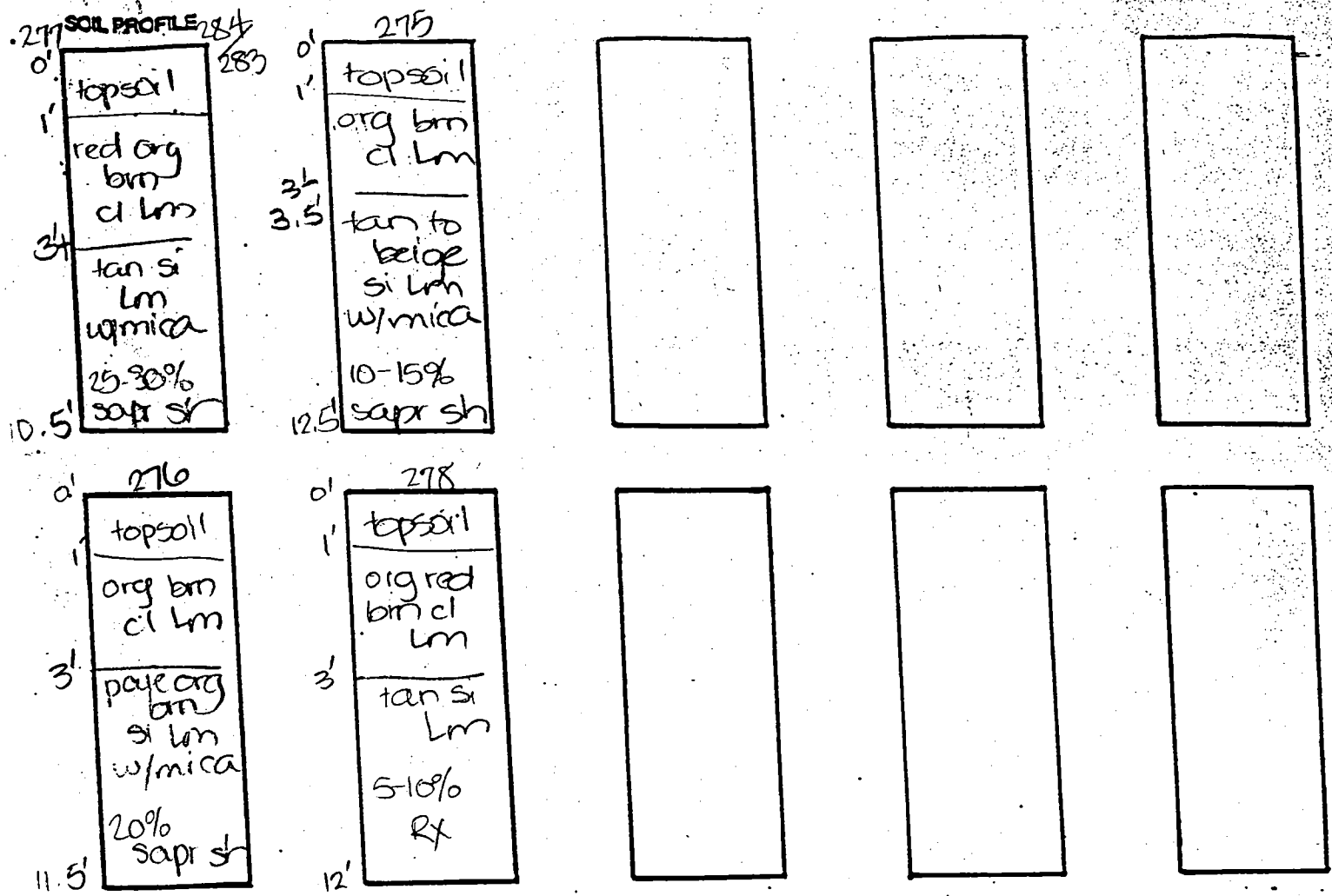
REMARKS • = staked test hole      ○ = hole not staked

TYPE OF SOIL \_\_\_\_\_

TESTED BY D. See ALSO PRESENT C. Zepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-3-99	277	2.5' S	11:16	11:32	11:32	11:56	24
		10.5' D	Visual	- see	profile		OK
	276	11.5' D	Visual	- see	profile		OK
	275	3.5' S	11:24	11:25	11:25	11:27	2
		12.5' D	Visual	- see	profile		OK
	278	12.0' D	Visual	- see	profile		OK
	284	2.5' S	12:03	12:05	12:05	12:07	2
		11.0' D	Visual	- see	profile		OK
	292	6.0' D	Refusal				FAIL
	283	10.0' D	Visual	- see	profile		OK

COUNTY#

SOIL PROFILE  
420

topsoil

org brn  
clm

pale org  
brn  
sal m

35%+  
sapr  
sh

421

topsoil

org red  
brn  
clm

pale org  
tan  
to  
pale grey  
sal m

40%+  
sh

Hard

422

topsoil

org brn  
clm

pale org  
tan  
sal m

35%+  
sapr  
sh


SOIL PROFILE  
423

topsoil

org brn  
clm

lt brn  
sal m  
w/65%  
hard  
sh

Hard

419

topsoil

org red  
brn  
clm

pale org  
brn  
to grey  
sal m  
Hard

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-25-00	420	2.5' S	11:26 <sub>3</sub>	11:27	11:27	11:28 <sub>3</sub>	2'
		12.0' D	Visual	-see	profile		OK
	421	2.5' S	11:37	11:41	11:41	11:46	5
		10/8" D	Hard	Rx	-see	profile	OK
	422	2.5' S	11:47	11:48 <sub>3</sub>	11:48 <sub>3</sub>	11:51	3
		12.0' D	Visual	-see	profile		OK
	423	9.0' D	Hard	-see	profile		FAIL
	419	8.0' D	Hard	-see	profile		FAIL

REMARKS holes tested as staked

TYPE OF SOIL

TESTED BY

DKS

ALSO PRESENT

Czepp

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

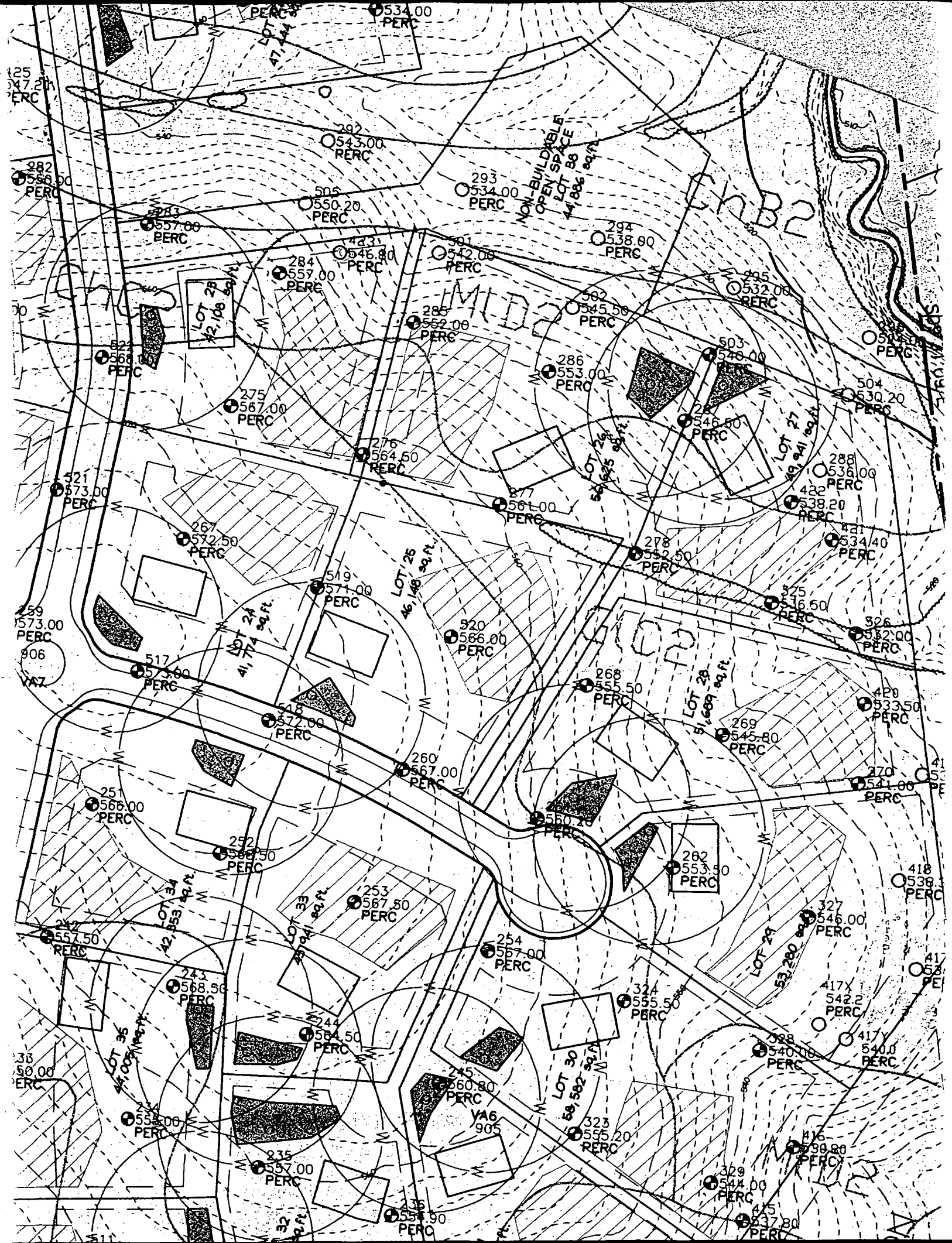
TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

5'-8"  
60%  
sh



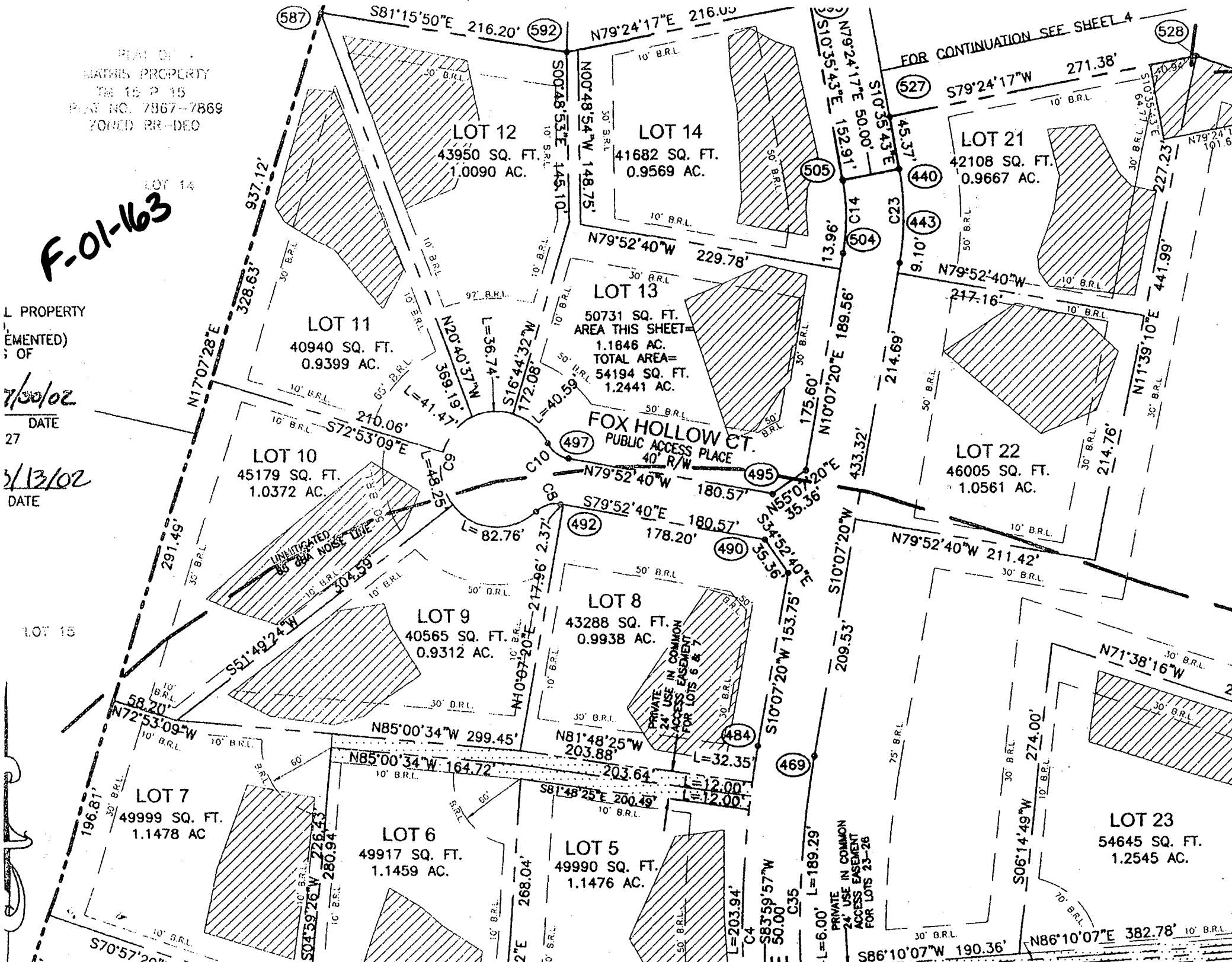


PLAT OF  
MATHIS PROPERTY  
TR 15 P 15  
PLAT NO. 7867-7869  
ZONED RR-DEO

**F-01-163**

PROPERTY  
(MENTED)  
OF  
  
7/30/02  
DATE  
27  
  
5/13/02  
DATE

FOR CONTINUATION SEE SHEET 4



LOT 14

LOT 15

LOT 12  
43950 SQ. FT.  
1.0090 AC.

LOT 14  
41682 SQ. FT.  
0.9569 AC.

LOT 21  
42108 SQ. FT.  
0.9667 AC.

LOT 11  
40940 SQ. FT.  
0.9399 AC.

LOT 13  
50731 SQ. FT.  
AREA THIS SHEET=  
1.1846 AC.  
TOTAL AREA=  
54194 SQ. FT.  
1.2441 AC.

LOT 22  
46005 SQ. FT.  
1.0561 AC.

LOT 10  
45179 SQ. FT.  
1.0372 AC.

LOT 8  
43288 SQ. FT.  
0.9938 AC.

LOT 9  
40565 SQ. FT.  
0.9312 AC.

LOT 7  
49999 SQ. FT.  
1.1478 AC.

LOT 6  
49917 SQ. FT.  
1.1459 AC.

LOT 5  
49990 SQ. FT.  
1.1476 AC.

LOT 23  
54645 SQ. FT.  
1.2545 AC.

FOX HOLLOW CT.  
PUBLIC ACCESS PLACE  
40' R/W

UNINDICATED  
88 DBA NOISE TIME

PRIVATE IN COMMON  
24' USE IN COMMON  
ACCESS EASEMENT  
FOR LOTS 6 & 7

PRIVATE IN COMMON  
24' USE IN COMMON  
ACCESS EASEMENT  
FOR LOTS 23-26

S70°57'20"

S86°10'07"W 190.36'

N86°10'07"E 382.78'

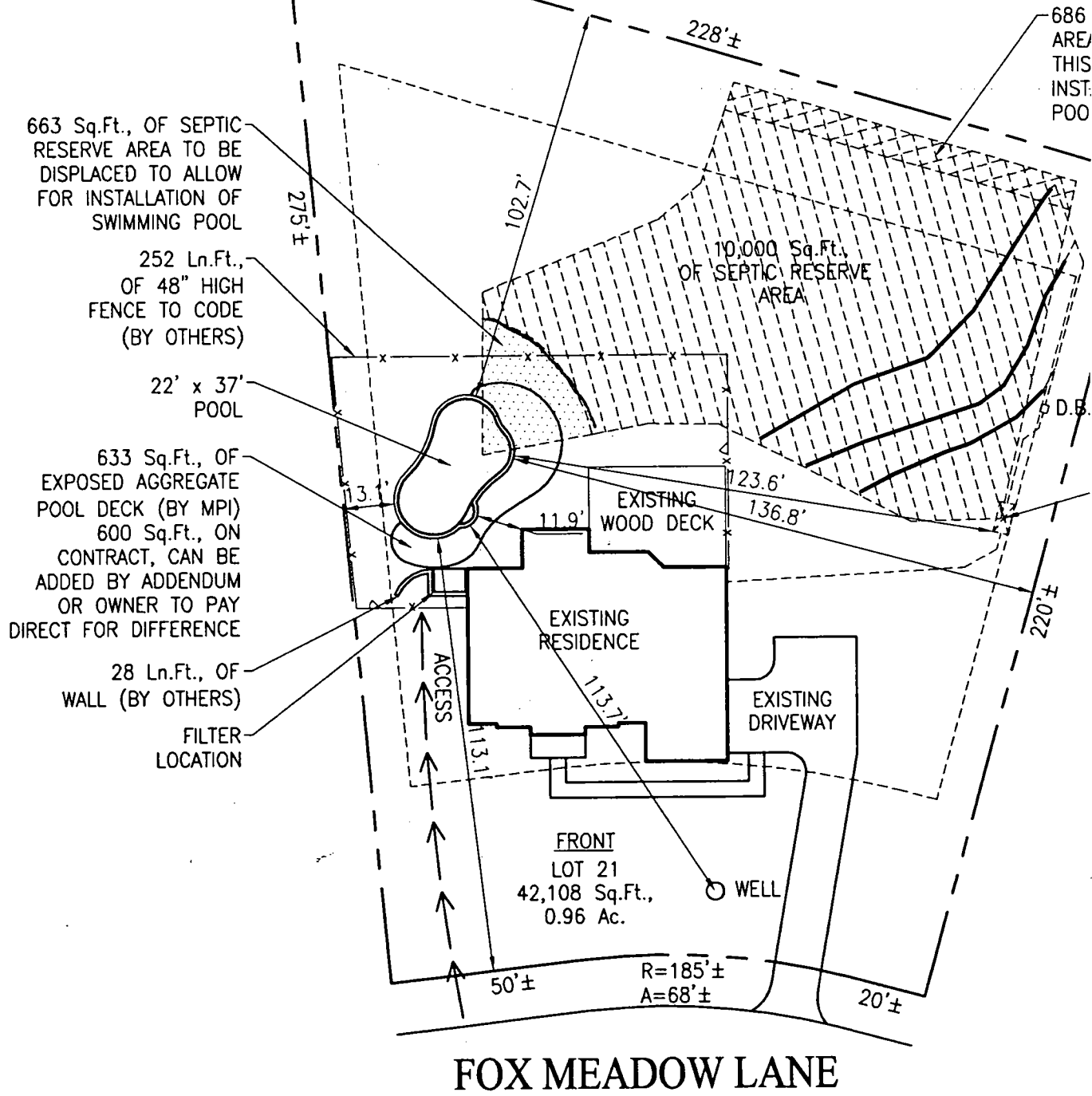
**SETBACKS:**

REAR PL.	10'
SIDE PL.	10'
HOUSE	N/A
SEPTIC	20'
WELL	30'

1140

**APPROVED**

WALK-THRU BUILDING PERMIT  
 BP# B0053829 A# 511517-L  
 APP. SAN FAY DATE: 5/17/05  
 DESC. OF WORK: IN GROUND  
POOL (22x37)



**REVISIONS:**

00/00/00